

LAND SURVEYOR

Class Definition

Under direction, performs professional land surveying duties in the review and approval of parcel maps, subdivision maps, and deeds.

Distinguishing Characteristics

Land Surveyor is a professional engineering class assigned to the Public Works and/or the Development Departments. Reporting to a Development Manager or Supervising Civil Engineer, an incumbent applies advanced land surveying skills in the review and approval of parcel maps, subdivision maps, deeds, and other related documents. Land Surveyor differs from Chief Surveyor in that the latter is the head of the Survey Section of the Construction Management Division responsible for planning, coordinating, and supervising field crews for all City land surveys. Land Surveyor differs from Civil Engineer in that the latter performs professional civil engineering duties in the field or office involving the design, construction, research, and development of a wide variety of engineering projects.

Typical Tasks

(An incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Prepares, checks, and reviews subdivision maps, parcel maps, deeds, legal descriptions, official plan lines, and Director's determinations for mathematical closure, accuracy and compliance with accepted professional practice.

Checks preliminary and final survey plans for complex construction projects.

Suggests solutions to complex surveying, vacation of public right-of-way, encroachment, and traverse problems.

Checks parcel maps, subdivision maps, water, sewer and street construction drawings for compliance with the Municipal Code and Subdivision Map Act.

Processes applications for vacation of public right-of-way and encroachments.

Prepares detailed exhibit drawings for deeds, vacation of public right-of-way, encroachments, agreements, and staff reports for City Council agenda items as required.

May give lead direction to technical staff in the review of parcel maps, subdivision maps, and deeds.

Performs related duties as required.

Knowledge, Abilities and Skills

Knowledge of modern principles, practices, and equipment used in land surveying and field engineering, including land surveying laws and regulations.

Knowledge of construction plans, specifications, parcel maps, subdivision maps and construction drawings.

Knowledge of the practices and certification procedures required by the Subdivision Map Act.

Ability to perform complex land surveying computations, and solve related land surveying problems.

Ability to effectively enforce the provisions of the Land Surveyor's Act and Subdivision Map Act.

Ability to establish and maintain effective working relationships with City staff, civil engineers, land surveyors, and the general public.

Ability to communicate effectively both orally and in writing.

Minimum Qualifications

Registration by the State of California as a Professional Land Surveyor, or registration issued prior to 1982 by the State of California as a Professional Civil Engineer.

Necessary Special Requirement

Possession of a valid California Driver's License at time of appointment.

APPROVED: _____
Director of Personnel

DATE: _____

MR/MPA/jl/02/13/91
+632/SPECS